M707Z M808Z M1010Z
Digital Photo Frame
Owner's Manual

Thank you for purchasing a Micca product. Should you need any assistance, please contact our technical support before returning the product to the retailer. Email support@miccastore.com

Product information, firmware updates, and common questions and answers can be found at: http://content.miccastore.com/

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1 Introduction

1.1 Preface

Thank you very much for purchasing this digital photo frame. We hope you will enjoy using it to view your treasured photos. This photo frame has the following features:

1.1.1 Highlights

- M707Z: 7-Inch 800x480 high resolution wide-screen LCD screen
- M808Z: 8-Inch 800x600 high resolution LCD screen
- M1010Z: 10-Inch 1024x600 high resolution wide-screen LCD screen
- Brushed aluminum bezel with machined highlights
- Slim profile with curved back case design for modern appearance
- Integrated swivel stand that tucks away for easy carrying

1.1.2 Features

- Supports JPG image/photo files
- Supports MP3 music files
- Supports AVI and MP4 video files using MPEG1/2/4 video codecs
- Slideshow with background music
- Compact IR remote control
- USB 2.0 host connector supports USB flash drives
- Flash media card reader supports SD/SDHC cards
- Automatic slideshow at power on and when inserting memory card or USB drive
- Adjustable slideshow sequence, speed, and transition effects
- Clock and calendar with slideshow
- Adjustable screen brightness, contrast, and saturation
- Multiple language support: English, French, Italian, German, Spanish

Note: All the information contained in this manual was correct at the time of publication. However, as our engineers are always updating and improving the product, your device's software may have a slightly different appearance or modified functionality than presented in this manual.

2 Precautions

2.1 Precautions and Maintenance

- This product is intended for residential indoor use only. It is not intended for outdoors use, or use in harsh environments, or demanding commercial use.
- To avoid risk of fire or electric shock, do not expose the unit to moisture or condensation.
- To avoid overheating, do not block the ventilation holes on the digital photo frame.
- Keep the digital photo frame away from direct sunlight.
- Turn off the player and disconnect from AC power if not used for a while.
- Do not disassemble the digital photo frame. There is a risk of electric shock and there are no user-serviceable parts inside. Disassembling the digital photo frame will void its warranty.

2.2 Cleaning the LCD Screen

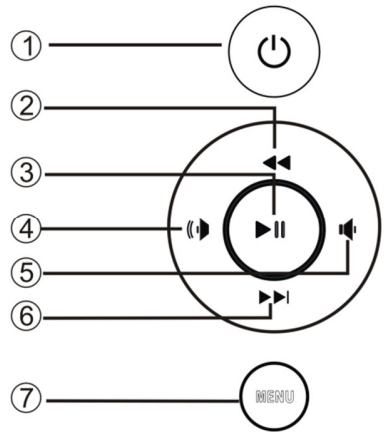
- Treat the screen gently and carefully. The screen of the digital photo frame has a glass component that can be damaged or broken when impacted.
- Use a soft, non-abrasive lint-free cloth such as microfiber camera lens cloth to gently wipe the LCD screen if fingerprints or dust accumulate on the LCD screen. If necessary, use a cleaning solution that's safe for coated camera photo lens cleaning. Spray the cleaning solution onto the cleaning cloth. NEVER SPRAY CLEANING SOLUTION DIRECTLY ONTO THE LCD SCREEN.

WARNING:

Please power off the unit before inserting or removing a memory card or USB drive. Do not put the unit near water or a high-moisture environment to prevent the risk of electric shock.

3 Connections and Buttons

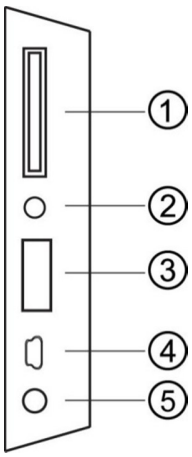
3.1 Buttons



1. Power
2. Previous or Up
3. Play/Pause or Enter
4. Right (Short Press) or Volume+ (Long Press)
5. Left (Short Press) or Volume- (Long Press)
6. Next or Down
7. Menu (Long Press) or Return (Short Press)

Note: The left and right buttons are named in accordance of their function when the user is looking at the photo frame. Thus, pressing the “Left” button will move the cursor to the left and the “Right” button will move the cursor to the right.

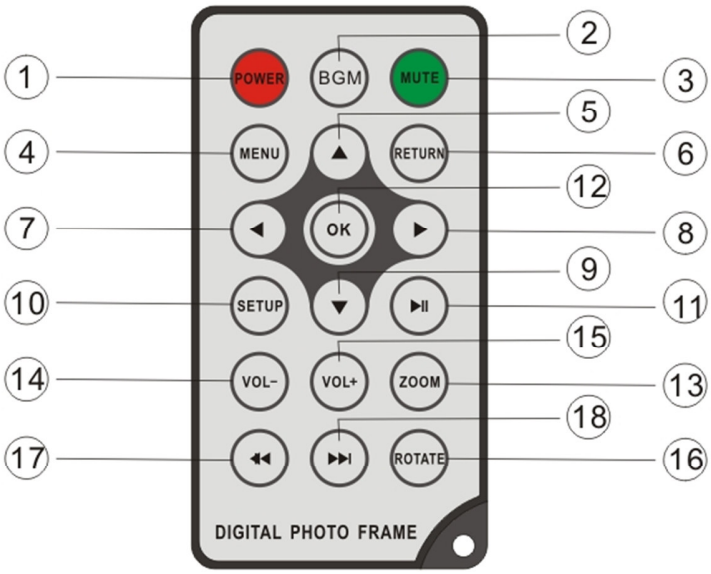
3.2 Connections



1. SD/SDHC Card Reader
2. Headphone Output
3. USB 2.0 Port
4. Mini USB Port (Optional)
5. DC Power Input

Note: Only use the AC adapter that is provided with the digital photo frame. Using a different AC adapter may damage the unit.

3.3 Remote Control



	Key	Function
1	Power	Turn the photo frame on or off
2	BMG	Start a slideshow with background music
3	Mute	Mutes the sound output. Press again to unmute.
4	Menu	Behavior is different depending on context, either brings up an operations menu or displays the main menu.
5	Up	Move cursor up
6	Return	Go back to the previous step
7	Left	Move cursor left
8	Right	Move cursor right
9	Down	Move cursor down
10	Setup	Go to the setup menu
11	Play/Pause	Play or pause photo slideshow, music, or video
12	OK	Play or pause photo slideshow, music, or video
13	Zoom	Zoom in when viewing a photo (slideshow must be paused)
14	Volume-	Decrease the volume for music or video playback
15	Volume+	Increase the volume for music or video playback
16	Rotate	Rotate a photo clockwise 90 degrees. Press Play to resume slideshow.

17	Previous	Go to previous photo, music, or video file
18	Next	Go to next photo, music, or video file

To replace the battery in the remote, place the remote control face down, press down on the ridged area of the battery cover and pull towards you to remove the tray. Place one CR2025 lithium button-cell battery on the tray with the positive “+” side facing you. Reinsert the tray.

4 Getting Started

4.1 Initial Setup

Find a flat and stable surface to place the photo frame. Swing out the built in stand fully to prop up the photo frame – make sure the stand is fully extended or else it will collapse during use. Plug the AC adapter into a standard 110V AC or 240V AC electrical outlet and connect it to the DC Power Input on the photo frame. If the frame turns on and displays the main menu, proceed to the following steps:

- Carefully remove the protective film covering the LCD.
- Remove the plastic battery insulator from the battery compartment and make sure the remote control has a battery inside.
- Press the “Power” button on the remote control to turn the player on or off.

Your digital photo frame is now ready for use.

5 Operating Instructions

After turning on the photo frame, the main menu will display after a few seconds. If there is a flash memory card or USB flash drive inserted into the photo frame, a slideshow will automatically begin plain. To get back to the main menu, press the “Menu/Return” button on the back of the photo frame twice.

The main menu contains icons for Photos, Music, Videos, File Operations, Calendar, and Setup.

5.1 Flash Memory Cards and USB Flash Drives

The photo frame supports SD/SDHC flash memory cards and USB flash drives, both up to 32GB in size. While the photo frame can handle high resolution photos directly from a digital camera, it is strongly recommended to resize photos down to a lower resolution of about one megapixel in size. This allows more photos to be stored at one time and smaller files are more easily displayed by the photo frame.

The photo frame has a very small amount of built-in internal memory. It can be used to hold a few small photos.

5.2 Choosing Storage Device

When more than one storage device is detected by the digital photo frame, it is necessary to select which storage device to use. Once selected, all operations are on the selected storage device. To perform operations on another storage device, it is necessary to select it first.

To select a storage device, press the “Menu/Return” button repeatedly until the storage selection screen is shown. Highlight the desired storage device and press “Play/Pause/Enter” to select it.

5.3 Viewing Photos

When a storage device loaded with photos is inserted, the digital photo frame will automatically start displaying a photo slideshow when it is turned on. The user can also manually start a slideshow through the “Photo” icon from the main menu.

Background music will also begin playing if music files are found. To change this behavior, refer to detailed settings in Chapter 6.

When viewing photos, the following operations are available using the buttons on the back of the photo frame:

Button	Description
Play/Pause	Play or pause the photo slide show.
Left	Go to the previous photo.
Right	Go to the next photo.
Up	Rotate photo counter-clock wise.
Down	Rotate photo clock wise.
Menu/Return	Stop the slide show and return to the photo thumbnail menu.

5.4 Copying Photos

It is possible to copy a few small photos to the photo frame's internal memory. To copy photos follow these steps:

1. Load a SD/SDHC or USB drive with photos you wish to copy and insert it into the photo frame.
2. Turn on the photo frame. If slideshow automatically starts, press the "Menu/Return" button once to return to view photo thumbnails.
3. Scroll to find photos you wish to copy. Highlight a photo and press the "Play/Pause/Enter" button to display it full screen.
4. Long press the "Menu/Return" button to display the copy menu.
5. Highlight "Save Picture" and press the "Play/Pause/Enter" button to save the photo to internal memory.

5.5 Deleting Photos

To delete a photo, such as from the internal memory of the photo frame, follow these steps:

1. Remove all SD/SDHC and USB flash drives.
2. Turn on the photo frame and select the "Photos" icon from the main menu.
3. Highlight the photo you wish to delete.
4. Long press the "Menu/Return" button to display the delete menu.
5. Highlight "Delete File" and press the "Play/Pause/Enter" button to delete the photo.

5.6 Playing Music

To begin playing music, select the “Music” icon from the main menu. All music files found on the storage device will be displayed in one list. Scroll to the desired music file and press the “Play/Pause/Enter” button to begin playing the music.

While playing music, the following operations are available using the buttons on the back of the photo frame:

Button	Description
Play/Pause	Play or pause the music.
Left	Turn down the playback volume.
Right	Turn up the playback volume.
Up	Go to the previous music file.
Down	Go to the next music file.
Menu/Return	Stop the playback and return to the main menu.

5.7 Playing Videos

To begin playing videos, select the “Video” icon from the main menu. All video files found on the storage device will be displayed in one list. Scroll to the desired video file and press the “Play/Pause/Enter” button to begin playing the video.

While playing videos, the following operations are available using the buttons on the back of the photo frame:

Button	Description
Play/Pause	Play or pause the video.
Left	Turn down the playback volume.
Right	Turn up the playback volume.
Up	Go to the previous music file.
Down	Go to the next music file.
Menu/Return	Stop the playback and return to the video selection menu.

5.8 File Browsing

The “File” icon from the main menu lets users browse the contents of the selected storage device by navigating its folder directory structure. All compatible file types will be displayed while incompatible file types are not displayed. It is possible to copy or delete files using the same methods as described in previous sections.

5.9 Calendar

To view the calendar, select the “Calendar” icon from the main menu. Be sure to properly set the date and time in the settings menu so that the information displayed is correct. The photo frame will automatically begin playing a slideshow using photos found on the selected storage device.

6 Detailed Settings

To access the setup menu of the photo frame, turn it on and wait for the main menu to display. Highlight the Setup icon and press “Enter”. The Setup menu has the following settings:

Language

Changes the operating language of the photo frame.

Available Values: *English, French, Italian, German, Spanish*

Photo Sequence

Changes the photo playback sequence when displaying slideshows.

Setting	Description
Sequence	Photos will be displayed in their normal sequence alpha-numerically based on file name.
Random	Photos will be displayed in random sequence.

Start Up Mode

Sets the operation mode of the photo frame when it is turned on.

Setting	Description
Slideshow	Play a photo slide show with background music.
Music	Play music files.
Video	Play music files.
Photo	Play photo files without background music.
Calendar	Display the calendar.

Slide Mode

Changes the number of photos displayed at the same time during a slideshow. The higher the setting, the more photos will be shown at the same time.

Available Values: *Single Window, Two Windows, Four Windows, Triple Windows*

Slide Speed

Sets the time interval between each photo in a slideshow.

Available Values: *3/5/15/30 Seconds, 1/5/15/30 Minutes, 1 Hour*

Photo Effect

Applies a special effect to photos when they are displayed.

Setting	Description
Color	Photos will be displayed as they are without any special effects.
Mono	Photos will be displayed as black and white.
Sepia	Photos will be displayed in sepia tone.

Slide Show Effect

Sets the transition effect as one photo switches to the next in a slideshow.

Available Values: *Random (all effects), Jalousie, Fade, Insert, Reel, Brick, 3D Float, Release, 3D Mix, Comb, 3D Circle, 3D Cube.*

Photo Mode

Changes the way photos are displayed when they do not perfectly fit the screen of the photo frame.

Setting	Description
Auto Fit	Black bars will be added to the top or bottom of photos that are too narrow or too wide relative to the screen.
Optimal	Photos that are too narrow will have the top and bottom cut to fit the screen. Photos that are too wide will have the sides cut to fit the screen.
Full	The photo will be stretched or squeezed to fit the full screen.

Music Play Mode

Changes the music playback mode.

Setting	Description
Single Repeat	Repeat a single music file.
Circular	Repeat all files continuously.
No Repeat	Play all files one time only.

Video Mode

Changes the way videos are displayed when they do not perfectly fit the screen of the photo frame.

Setting	Description
Original	Videos are displayed in their native resolution. If they are too small, they will appear only in the center portion of the screen.
Screen	Videos are enlarged to fit the screen but the original aspect ratio of the screen is retained. Black bars my appear at the sides or top of the video.
Full	Videos are stretched or squeezed to fit the screen.

Display

Changes the display parameters of the LCD screen. The default values are optimal for most conditions.

Setting	Description
Contrast	Changes the contrast of the LCD screen.
Brightness	Increase or decrease the brightness of the LCD screen.
Saturation	Increase to make colors more vibrant, decrease to make colors more muted.
Tint	Change the color cast of the LCD screen. Adjust so that skin tones in photos look natural.

Set Time/Date

Set the current date and time. The date and time is remembered by the photo frame even when there is no power. Select “Save Time” when finished to save the setting.

Available Settings: *Year, Month, Date, Hour, Minute, Second*

Set Time Format

Change to display the time in either 12-hour or 24-hour time format.

Available Values: *12, 24*

Alarm

Configure the alarm clock function of the photo frame. There are two alarm slots, each can be configured independently.

Setting	Description
Status	Turn the alarm on or off
Number	Switch to alarm slot #1 or #2
Hour	Set the hour of the alarm
Minute	Set the minute of the alarm
Mode	Configure how often the alarm is active: ▪ Once: Alarm is active only once. ▪ Each Day: Alarm is active every day. ▪ Self Define: A 7-day box is displayed allowing the alarm to be on for specific days of the week.

Auto Power On

Set the time at which the photo frame automatically turn on each day.

Available Settings: *Hour, Minute, Status*

Auto Power Off

Set the time at which the photo frame automatically turn off each day.

Available Settings: *Hour, Minute, Status*

Format Built-In Memory

There is a small amount of internal memory to hold a few photos. If it becomes corrupted, use this setting to reformat the internal memory.

Reset Settings

Reset all settings back to factory defaults.

7 Troubleshooting Guide

Cannot Read A SD/SDHC Card or USB Drive

Check to see if the card or drive is readable by a computer. Reformat the drive using FAT32 file system – be sure to copy files off the drive first.

Cannot Play a File

Make sure that the file is compatible with the photo frame. The photo frame supports JPG photo files. Additionally, the photo frame supports MP3 music files up to 320kbps; video files with AVI or MP4 extension encoded with MPEG1/2/4 for video and MP3 for audio.

Cannot Find a File

Make sure that the correct storage device has been selected. Press the “Menu/Return” button on the back of the photo frame repeatedly until the storage device selection screen is displayed.

Cannot Copy a Photo to Internal Memory

The internal memory is very small and can only hold about 3-4 photos at a time. It may be necessary to delete some older photos before there is enough space to hold a new photo.

8 Specifications

Adapter: Input 100-240V 50/60Hz AC, Output 5V/1.5A DC
Card Reader: SD/SDHC Up to 32GB
USB: USB flash drives up to 32GB
Photo Format: JPG
Music Format: MP3 up to 320kbps
Video Format: AVI MP4 Files, MPEG1/2/4 for video and MP3 for audio
LCD Screen:

	M707Z	M808Z	M1010Z
Size	7-Inch TFT	8-Inch TFT	10.1-Inch TFT
Resolution	800x480	800x600	1024x600
Aspect Ratio	16:9	4:3	16:9
Brightness	200-250cd/m2		
Contrast	200-300:1		
Response Time	20ms		

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